



#7

SEQUENCE LISTING

<110> CHODOSH, Lewis
GARDNER, H

<120> PREGNANCY UP-REGULATED, NONUBIQUITOUS CaM KINASE

<130> 22253-70422

<140> 10/032,254

<141> 2001-12-21

<150> 60/257,073

<151> 2000-12-21

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<170> PatentIn Ver. 2.1

<210> 1

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<212> DNA

<213> Murinae gen. sp.

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<212> PRT

<213> Murinae gen. sp.

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Lys Ala Leu Arg Gly Lys Glu Ala Leu Val Glu Asn Glu Ile Ala Val
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Leu Arg Arg Ile Ser His Pro Asn Ile Val Ala Leu Glu Asp Val His
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Glu Ser Pro Ser His Leu Tyr Leu Ala Met Glu Leu Val Thr Gly Gly
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Glu Leu Phe Asp Arg Ile Met Glu Arg Gly Ser Tyr Thr Glu Lys Asp
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Ala Ser His Leu Val Gly Gln Val Leu Gly Ala Val Ser Tyr Leu His
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Val Asp Val Trp Ala Leu Gly Val Ile Ser Tyr Ile Leu Leu Cys Gly

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 Leu Arg Ala Ser Tyr Glu Phe Asp Ser Pro Phe Trp Asp Asp Ile Ser
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 Glu Ser Ala Lys Asp Phe Ile Arg His Leu Leu Glu Arg Asp Pro Gln
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 Lys Arg Phe Thr Cys Gln Gln Ala Leu Gln His Leu Trp Ile Ser Gly
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 Asp Ala Ala Phe Asp Arg Asp Ile Leu Gly Ser Val Ser Glu Gln Ile
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 Gln Lys Asn Phe Ala Arg Thr His Trp Lys Arg Ala Phe Asn Ala Thr
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 Ser Phe Leu Arg His Ile Arg Lys Leu Gly Gln Ser Pro Glu Gly Glu
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<210> 8

<211> 343

<212> PRT

<213> Homo sapiens

<400> 8

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Gln Glu Arg Gly Ser Ala His Leu Val Ala Leu Lys Cys Ile Pro Lys
 35 40 45

Lys Ala Leu Arg Gly Lys Glu Ala Leu Val Glu Asn Glu Ile Ala Val
 50 55 60

Leu Arg Arg Ile Ser His Pro Asn Ile Val Ala Leu Glu Asp Val His
 65 70 75 80

Glu Ser Pro Ser His Leu Tyr Leu Ala Met Glu Leu Val Thr Gly Gly
 85 90 95

Glu Leu Phe Asp Arg Ile Met Glu Arg Gly Ser Tyr Thr Glu Lys Asp

100 105 110
 Ala Ser His Leu Val Gly Gln Val Leu Gly Ala Val Ser Tyr Leu His
 115 120 125
 Ser Leu Gly Ile Val His Arg Asp Leu Lys Pro Glu Asn Leu Leu Tyr
 130 135 140
 Ala Thr Pro Phe Glu Asp Ser Lys Ile Met Val Ser Asp Phe Gly Leu
 145 150 155 160
 Ser Lys Ile Gln Ala Gly Asn Met Leu Gly Thr Ala Cys Gly Thr Pro
 165 170 175
 Gly Tyr Val Ala Pro Glu Leu Leu Glu Gln Lys Pro Tyr Gly Lys Ala
 180 185 190
 Val Asp Val Trp Ala Leu Gly Val Ile Ser Tyr Ile Leu Leu Cys Gly
 195 200 205
 Tyr Pro Pro Phe Tyr Asp Glu Ser Asp Pro Glu Leu Phe Ser Gln Ile
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 Leu Arg Ala Ser Tyr Glu Phe Asp Ser Pro Phe Trp Asp Asp Ile Ser
 225 230 235 240
 Glu Ser Ala Lys Asp Phe Ile Arg His Leu Leu Glu Arg Asp Pro Gln
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 Lys Arg Phe Thr Cys Gln Gln Ala Leu Arg His Leu Trp Ile Ser Gly
 260 265 270
 Asp Thr Ala Phe Asp Arg Asp Ile Leu Gly Ser Val Ser Glu Gln Ile
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 Arg Lys Asn Phe Ala Arg Thr His Trp Lys Arg Ala Phe Asn Ala Thr
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 Ser Phe Leu Arg His Ile Arg Lys Leu Gly Gln Ile Pro Glu Gly Glu
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 Ala Gly Gln Pro Pro Lys Trp
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